



HAZLETON
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81-2
CORNING Laboratory Services Company

Sponsor:

Gowan Company
Yuma, Arizona

FINAL REPORT

Study Title:

Acute Dermal Toxicity Study
of Imidan 70-WP in Rabbits
(EPA Guidelines)

Data Requirement:

EPA Guideline 81-2

Author:

Steven M. Glaza

Study Completion Date:

August 22, 1994

Performing Laboratory:

Hazleton Wisconsin, Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704

Laboratory Project Identification:

HWI 40502008

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SUMMARY

The test material, Imidan 70-WP, was evaluated for its acute dermal toxicity potential in male and female rabbits when administered as a single topical application at a level of 2,000 mg/kg of body weight. The estimated dermal LD₅₀ for male and female rabbits was determined to be greater than 2,000 mg/kg. All animals appeared normal throughout the study with the exception of one male which exhibited soft stool (Day 2) and decreased food consumption (Days 2 - 4). All animals exhibited body weight gain. The test material produced slight to moderate dermal irritation. The gross necropsy at termination revealed no visible lesions.

OBJECTIVE

The objective of this study was to assess the systemic toxicity and relative skin irritancy of a test material when applied to the skin of rabbits.¹

All procedures used in this study are in compliance with the Animal Welfare Act Regulations. In the opinion of the Sponsor and study director, the study did not unnecessarily duplicate any previous work.

TEST MATERIAL

Identification

The test material was identified as Imidan 70-WP, Lot No. 06213080 and described as a tan powder.

Purity and Stability

Information on the purity of the test material was determined by Hazleton Wisconsin, Inc. (HWI) and is presented in Appendix B of this report. The Imidan (Phosmet) concentration was determined to be 70.0%. The Sponsor assumes responsibility for stability determinations (including under test conditions).

Storage and Retention

The test material was stored at room temperature (ambient). A reserve sample of the test material was taken and will be retained in a freezer set to maintain a temperature of below 0°C for 10 years in accordance with HWI Standard Operating Procedure (SOP). The Sponsor will be contacted after 10 years for disposition in accordance with 40 CFR 160.195. Any unused test material will be discarded after issuance of the final report according to HWI SOP.